

**To:** McComb, Martin[McComb.Martin@epa.gov]; Ostrander, David[Ostrander.David@epa.gov]  
**Cc:** Nattis, Randy[Nattis.Randy@epa.gov]  
**Sent:** Fri 8/14/2015 12:35:31 AM  
**Subject:** RE: Data Analysis Process

Marty,

Let's follow up

Chris Ruhl

USEPA R6 Oil Team Leader

Federal On Scene Coordinator

(214) 665-7356 office

**From:** McComb, Martin  
**Sent:** Thursday, August 13, 2015 6:12 PM  
**To:** Ostrander, David  
**Cc:** Nattis, Randy; Ruhl, Christopher  
**Subject:** Re: Data Analysis Process

Several inaccuracies but I am not sure what it help to try and fix them.

Sent from my iPhone

On Aug 13, 2015, at 2:33 PM, Ostrander, David <[Ostrander.David@epa.gov](mailto:Ostrander.David@epa.gov)> wrote:

Wanted to make sure you saw this. Can discuss if needed.

Sent from my iPhone

Begin forwarded message:

**From:** "Cheatham, Reggie" <[cheatham.reggie@epa.gov](mailto:cheatham.reggie@epa.gov)>  
**Date:** August 12, 2015 at 6:38:11 PM MDT  
**To:** "Ostrander, David" <[Ostrander.David@epa.gov](mailto:Ostrander.David@epa.gov)>  
**Cc:** "Ruhl, Christopher" <[Ruhl.Christopher@epa.gov](mailto:Ruhl.Christopher@epa.gov)>, "Tulis, Dana" <[Tulis.Dana@epa.gov](mailto:Tulis.Dana@epa.gov)>  
**Subject:** Data Analysis Process

**Dave this is the message that Mathy want operationalized with everyone working this response and connected to UAC. Call if we need to discuss. Formally get this out under your authority.**

**Thanks**

**Process to analyze data:**

As agreed to by HQ EOC, UAC, Regions 6, 8 and 9, the regional EOC environmental units (EU) will follow the data format used during the Deepwater Horizon response (since staff were also involved in that response, this format will be familiar to them) and will conduct validation on data collected and analyzed during the response. The process will be expedited for data validation by having each environmental unit in each of regional EOCs validate and then send such data with interpretations to UAC simultaneous with HQ EOC. UAC would review the data and interpretation with all participants in UAC, HQ EOC would simultaneously review the data and work with UAC on final interpretation. ORD is engaged in this process. Messaging would be developed through PIO working in coordination with PIO in HQ EOC. Once completed data and interpretation/messaging would be conveyed through UAC. Data displays for key chemicals of concern, GIS overlays, and a color coding chart will be part of the data packages. The UAC PIO will post the data on the EPA Gold King Mine website. Notification prior to posting will be made via the UAC to States, Tribes, and congressional contacts and the HQ EOC. Trending messages will also be developed once there is sufficient data for the analysis.

Reggie Cheatham, Director

Office of Emergency Management, USEPA

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